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BEFORE THE SEGRETARY
POSTAL RATE COMMISSION
WASHINGTON, D.C. 20268-0001

POSTAL RATE AND FEE CHANGES, 2000

Docket No. R2000-1

DIRECT TESTIMONY
OF
SCOTT J. DAVIS
ON BEHALF OF
UNITED STATES POSTAL SERVICE

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**Direct Testimony** 

Of

Scott J. Davis

## **AUTOBIOGRAPHICAL SKETCH**

- 1 My name is Scott J. Davis. I am an Economist in Special Studies within Activity-
- 2 Based Management, Finance at Postal Service Headquarters. I began working
- 3 for the Postal Service in 1998. My primary responsibilities include developing
- 4 costs for Special Services; assisting with the development of cost models for flat-
- 5 shaped mail; and analyzing mail preparation requirements and discount eligibility
- 6 rules. I have spent time in field offices while conducting cost studies and
- 7 participating in committees. I have visited over thirty postal facilities including
- 8 Associate Offices, Processing and Distribution Centers, Bulk Mail Centers, and
- 9 Airport Mail Centers.
- 10 Prior to joining the Postal Service, I served as a Staff Accountant at Reston
- 11 Hospital Center in Reston, VA. I performed general accounting duties including
- 12 budget preparation, review of financial statements, and analysis and
- 13 reconciliation of accounts.

- 1 I received a bachelor's degree in Economics from Duke University and a
- 2 Master's of Business Administration degree from the School of Business at the
- 3 College of William and Mary.

#### 1 I. PURPOSE AND SCOPE OF TESTIMONY

- 2 The purpose of my testimony is to present estimated Test Year unit volume
- 3 variable costs in support of special service fees proposed by witness Mayo
- 4 (USPS-T-39). The special services covered in my testimony include: delivery
- 5 confirmation, signature confirmation, certificate of mailing, certified mail, return
- 6 receipts, return receipts for merchandise, restricted delivery, insured mail
- 7 (including bulk insurance), collect-on-delivery, registered mail, postage meter
- 8 service, and post office box key and lock changes.
- 9 Section 2 of my testimony provides updated Test Year costs for delivery
- 10 confirmation service. Unit volume variable costs are estimated for both manual
- 11 delivery confirmation and electronic delivery confirmation for Priority Mail and
- 12 Standard Mail. This section relies partly on the methodologies and cost
- 13 estimates of witness Treworgy (USPS-T-22) in Docket No. R97-1. Section 3 of
- 14 my testimony provides estimated Test Year costs for signature confirmation
- 15 service. The unit volume variable costs are estimated for both manual and
- 16 electronic options for Priority Mail and Standard Mail.
- 17 Section 4 contains updated Test Year costs for accountable mail services. New
- analysis and field studies have been performed to develop costs for return
- 19 receipts and return receipts for merchandise. Updates to previous studies have
- been performed for certificate of mailing, restricted delivery and bulk insurance.

- 1 My testimony estimates the cost effects that electronic signature capture will
- 2 have on these services. These estimates are provided to witness Kashani
- 3 (USPS-T-14), so that Test Year CRA costs for certified mail, insured mail,
- 4 collect-on-delivery and registered mail reflect the changes in the operating
- 5 environment due to the planned implementation of electronic signature capture.
- 6 Section 5 presents costs for postage meter service and Section 6 presents costs
- 7 for post office box key and lock changes. Field studies were conducted to
- 8 develop costs for these services.
- 9 II. GUIDE TO SUPPORTING DOCUMENTATION
- 10 In addition to this testimony, I provide Library Reference I-108 to present my
- 11 detailed cost analyses, spreadsheets, and survey documentation. I do not have
- 12 any other workpapers.

#### 1 III. DELIVERY CONFIRMATION

- 2 A. Overview
- 3 Delivery confirmation (DC) is a special service which provides the mailer with
- 4 information about the date and time a mailpiece was delivered. Information
- 5 regarding the date and time of any attempted delivery is also provided. Available
- 6 only at the time of mailing, delivery confirmation is offered in one of two forms:
- 7 the electronic option and the retail (or manual) option. In the electronic option,
- 8 the mailer is required to apply a delivery confirmation barcode to the mailpiece,
- 9 submit an electronic manifest of the mailing of DC items to the Postal Service,
- and receive information about DC items electronically through the Internet.
- 11 Eligible matter for the delivery confirmation service includes Priority Mail and
- 12 Standard Mail (B), although I understand that witness Mayo is proposing to make
- delivery confirmation available to Standard Mail (A) as well.
- 14 This testimony contains several key changes to witness Treworgy's testimony in
- 15 Docket No. R97-1 (USPS-T-22). New special studies were performed to improve
- 16 estimates of the volume variable costs of using the Delivery Confirmation
- 17 scanners at delivery. The "Scanning Study" in this testimony is based on the
- results from both witness Treworgy's "Scanning Clerk Scans One DC Mail Item"
- 19 study (Docket No. R97-1, USPS-T-22, Appendix A, Data Sheet A-2) and a new
- 20 engineering analysis of retrieving and returning the scanner before and after use.
- 21 The engineering analysis, which applied Methods Time Measurement (MTM)

- 1 time standards to the physical motions of retrieving and returning the scanner,
- 2 replaces the previous "Scanning Clerk Initializes Scanner" study (Docket No.
- 3 R97-1, USPS-T-22, Appendix A, Data Sheet A-1). The costs of the initialization
- 4 of the scanner are not volume variable. Regardless of the number of scans, the
- 5 scanner will need to be initialized once per day.
- 6 My testimony also reflects operational changes to the delivery confirmation
- 7 service. Corporate call management costs have been updated as a result of
- 8 operational changes in the call centers. New supplies costs have also been
- 9 ascertained to reflect the new labels in use for the delivery confirmation retail
- 10 service.
- 11 Access to new information has allowed other modifications. This testimony
- 12 accounts for the costs incurred in delivery when scanners malfunction. Window
- 13 acceptance costs for manual service are adjusted to reflect the proportion of DC
- 14 manual items that bypass window acceptance.
- 15 B. Methodology
- 16 Scanning times at delivery were determined using the application of MTM time
- 17 standards. To perform this application, discrete physical motions were identified
- which comprise the scanning activities of retrieving the scanner, positioning the
- 19 scanner for use, and returning the scanner after use. This study excludes the
- activity of actually performing the scan, since this is addressed independently in

- 1 the special study of parcel transaction scanning time, as presented in Docket No.
- 2 R97-1. The times derived from this MTM analysis are therefore combined with
- 3 the average time required per scan of 2.46 seconds (see Docket No. R97-1,
- 4 USPS-T-22, Appendix A).
- 5 The MTM analysis was applied to each of the four categories of personnel (city
- 6 carriers, rural carriers, box section clerks, and window clerks) that deliver DC
- 7 mailpieces. USPS-LR-I-108, pp. 1-9, presents the applicable MTM standards for
- 8 each of the four categories of delivery personnel.
- 9 In arriving at the final base transaction time for scanning, an adjustment is made
- 10 to account for circumstances in which the barcode cannot be scanned. A
- delivery confirmation scanner may be unable to read a DC barcode (for example,
- 12 if the barcode is applied on an uneven surface). In such a case, the carrier or
- 13 clerk must manually enter the barcode ID number into the scanner. In the event
- that a scanner is not functioning at all, the carrier must record the delivery
- information manually on a PS Form 3849 and enter the information manually into
- 16 a functioning scanner upon returning to the delivery unit. The calculations to
- arrive at this adjustment factor are presented in USPS-LR-I-108, p.8.
- 18 Window acceptance costs for retail delivery confirmation service have been
- 19 adjusted in this testimony to account for the 22.6 percent of retail DC volume that

- 1 are entered by mailers into collection boxes rather than at the window. The
- 2 window acceptance scans are bypassed for these pieces.
- 3 Retail delivery confirmation customers can receive delivery confirmation
- 4 information through either the Internet or the corporate call management (CCM)
- 5 system. Within the CCM system, information is provided two ways: (1) the
- 6 interactive voice response (IVR) system and (2) customer service agents. The
- 7 Postal Service has recently purchased its own IVR system, which eliminates
- 8 certain base charges from the previous vendor-provided system. This testimony
- 9 has also applied to the call center costs a higher proportion of customers placing
- 10 calls to the call center.

- 12 Table 1 presents the total test year volume variable costs for Priority Mail base
- 13 electronic service, Priority Mail retail service, Standard (B) electronic service, and
- 14 Standard (B) retail service. For each service type, the volume variable costs are
- presented by cost category and in total. For Priority Mail delivery confirmation
- service, this testimony also presents the cost net of Priority Mail electronic
- 17 service cost. This cost difference is provided since the Priority Mail delivery
- 18 confirmation fees exclude the underlying costs of Priority Mail electronic service.
- 19 Instead, these underlying costs are included in the costs of the Priority Mail
- 20 subclass.

| Table 1: Test Year Deliv              | very Confirma                  | tion Unit Vo                 | olume Variable              | e Costs                      |
|---------------------------------------|--------------------------------|------------------------------|-----------------------------|------------------------------|
| Cost Category                         | Priority Mail Base             | Priority Mail                | Standard<br>Mail            | Standard<br>Mail             |
| Acceptance<br>Delivery                | Electronic<br>\$0.00<br>\$0.16 | <u>Retail</u><br>\$0.20      | Electronic<br>\$0.00        | <u>Retail</u><br>\$0.20      |
| Postmasters Corporate call management | \$0.00<br>\$0.00               | \$0.16<br>\$0.002<br>\$0.13  | \$0.16<br>\$0.001<br>\$0.00 | \$0.16<br>\$0.003            |
| Information systems Supplies          | \$0.005<br>\$0.005             | \$0.13<br>\$0.004<br>\$0.009 | \$0.00<br>\$0.005<br>\$0.00 | \$0.13<br>\$0.004<br>\$0.009 |
| Total volume variable cost            | \$0.00<br>\$0.17               | \$0.009                      | \$0.00                      | \$0.009<br>\$0.52            |
| Less: Priority Mail Base cost         | \$0.17                         | \$0.17                       | N/A                         | N/A                          |
| Net volume variable cost              | \$0.00                         | \$0.35                       | \$0.17                      | \$0.52                       |

#### 1 IV. SIGNATURE CONFIRMATION

- 2 A. Overview
- 3 Signature confirmation is a new special service which provides the mailer with
- 4 access to delivery confirmation information and a copy of the addressee's
- 5 signature upon request. Like delivery confirmation, signature confirmation is
- 6 available only at the time of mailing and is available in one of two forms: the
- 7 electronic option and the retail (or manual) option. In the electronic option, the
- 8 mailer is required to apply a delivery confirmation barcode to the mailpiece and
- 9 submit an electronic manifest of the mailing of DC items to the Postal Service.
- 10 Eligible matter for the signature confirmation service includes Priority Mail and
- 11 Standard Mail (B).
- 12 This testimony bases signature confirmation costs on delivery confirmation costs.
- 13 Some cost components are modified to reflect operational differences between
- 14 signature confirmation and delivery confirmation. Specifically, the signature
- 15 confirmation operations during delivery and provision of information to customers
- 16 differ from those of delivery confirmation.
- 17 B. Methodology
- 18 The primary difference between delivery confirmation and signature confirmation
- is that signature confirmation requires collection of the addressee's signature.

- 1 Therefore, the operational process of signature confirmation includes acquiring
- 2 the addressee's signature on a PS Form 3849, scanning the PS Form 3849
- 3 barcode, optically scanning the hardcopy signature into an electronic database,
- 4 and providing a facsimile of the signature to the customer upon request.
- 5 As with delivery confirmation electronic service, signature confirmation electronic
- 6 service causes no additional acceptance costs. The mailer applies the barcoded
- 7 ID label to each item and generates an electronic record of these items prior to
- 8 acceptance. Acceptance costs for signature confirmation retail service are
- 9 assumed to be the same as acceptance costs for delivery confirmation retail
- 10 service, since the underlying operational activities are identical.
- 11 The delivery function is different in signature confirmation than in delivery
- 12 confirmation. The need to obtain the addressee's signature causes the carrier to
- 13 go to the door, wait for the addressee and obtain the signature. The cost of
- 14 these additional activities is estimated by calculating the unit delivery cost for
- certified mail (which requires a signature) and subtracting the unit delivery cost of
- 16 Priority mail (which represents the costs of delivering the host mailpiece). See
- 17 USPS-LR-I-108, p. 28, for the detailed calculations.
- 18 The base transaction times for scanning, as reported in the delivery confirmation
- 19 study (see USPS-LR-I-108, p. 9), have been adjusted to reflect other differences
- in the delivery function for signature confirmation. In addition to the 2.46

- 1 seconds of scan time for the mailpiece barcode in the delivery confirmation
- 2 service, another 2.46 seconds has been added for the scan time of the PS Form
- 3 3849 barcode. In addition, the time to return the scanner is included in the
- 4 analysis, but not the time to retrieve the scanner since this activity can be
- 5 performed while the carrier is waiting for the addressee.
- 6 After the signature is obtained and the PS Form 3849 barcode is scanned with
- 7 the hand-held scanner, the PS Form 3849 is optically scanned at a
- 8 Computerized Forwarding System (CFS) unit. The signature is stored
- 9 electronically, thus making signature retrieval more efficient. The calculation of
- 10 the volume-variable cost of electronic filing of the signature is presented in
- 11 USPS-LR-I-108, p. 30.
- 12 In providing confirmation to mailers, there will be two differences from delivery
- 13 confirmation service. First, in addition to requesting information about the date
- and time a mailpiece was delivered (as with the delivery confirmation service),
- the mailer may also choose to request a copy of the signature of the addressee.
- 16 For each signature request, the Postal Service will incur additional cost to
- 17 retrieve the signature and send it to the mailer via fax or mail. The Postal
- 18 Service will only provide a copy of the date and time of delivery, or a signature, to
- 19 those mailers that make a specific request.

- 1 Second, electronic mailers requesting a copy of a signature can make the
- 2 request via the call center. The unit volume variable cost for the electronic
- 3 service is detailed in USPS-LR-I-108, p. 31 and the unit volume variable cost for
- 4 the manual service is detailed in USPS-LR-I-108, p. 32.

- 6 Table 2 presents the total volume variable costs for Priority Mail electronic
- 7 service, Priority Mail retail service, Standard (B) electronic service, and Standard
- 8 (B) manual service. For each service type, the volume variable costs are
- 9 presented by cost category and in total. For Priority Mail signature confirmation
- 10 service, this testimony also presents the cost net of Priority Mail delivery
- 11 confirmation electronic service cost.

| Table 2: Test Year Signa                       | ture Confirm             | ation Unit V                             | olume Variab               | le Costs                          |
|--|--------------------------|--|----------------------------|-----------------------------------|
| Cost Category                                  | Priority Mail Electronic | <u>Priority</u><br><u>Mail</u><br>Manual | Standard  Mail  Electronic | Standard<br><u>Mail</u><br>Manual |
| Acceptance                                     | \$0.00                   | \$0.20                                   | \$0.00                     | \$0.20                            |
| Delivery                                       | \$1.15                   | \$1.15                                   | \$1.15                     | \$1.15                            |
| Postmasters                                    | \$0.007                  | \$0.009                                  | \$0.007                    | \$0.009                           |
| Electronic filing                              | \$0.02                   | \$0.02                                   | \$0.02                     | \$0.02                            |
| Corporate call management                      | \$0.002                  | \$0.14                                   | \$0.002                    | \$0.14                            |
| Information systems                            | \$0.005                  | \$0.004                                  | \$0.005                    | \$0.004                           |
| Supplies                                       | \$0.00                   | \$0.009                                  | \$0.00                     | \$0.009                           |
| Total volume variable cost                     | \$1418                   | \$1.54                                   | \$1,18                     | 89 <b>154</b>                     |
| Less: Priority Mail Base cost                  |                          |  |                            |                                   |
| of Delivery Confirmation<br>{Refer to Table 1} | \$0.17                   | \$0.17                                   | N/A                        | N/A                               |
| Net volume variable cost                       | \$1.01                   | \$1.37                                   | \$1.18                     | \$1.54                            |

#### 1 V. ACCOUNTABLE MAIL COST UPDATES

- 2 A. Overview
- 3 This testimony updates the costs of various accountable mail and related
- 4 services, including certificate of mailing, insured mail, bulk insurance, restricted
- 5 delivery, and return receipts. Also, the impact of electronic signature capture on
- 6 cost is estimated for the following services: certified mail, COD, insured mail,
- 7 registered mail, return receipt and return receipt for merchandise.
- 8 B. Methodology
- 9 Updated wage rates and piggyback factors, which reflect indirect attributable
- 10 cost, have been applied for each of the accountable mail cost updates. The
- 11 return receipt cost study updates the labor times for clerk and carrier review
- activities, using the results of a new special study (see USPS-LR-I-108, p. 72).
- 13 An additional update involves the weighting factor applied to the cost of return
- 14 receipts which require a record of the address of delivery. This weighting factor
- 15 is based on the 2.72 percent of total mail volume that is undeliverable as
- 16 addressed (see USPS-LR-I-110, Table 4-2). For return receipts after mailing, I
- 17 have updated the retrieval time to reflect the cost savings from electronic
- 18 signature capture. For return receipt for merchandise, a new methodology is
- 19 used which bases such costs on the costs of certified mail, since the operations
- 20 are similar.

- 1 Electronic signature capture will impact the costs of various accountable mail
- 2 services, including certified mail, COD, insured mail, registered mail, return
- 3 receipt and return receipt for merchandise. The electronic signature capture
- 4 operation, scheduled to begin in FY 2000, will change three operational
- 5 functions under the current manual process. First, the Postal Service Form 3849
- 6 barcode will be scanned at delivery using a hand-held scanner. Second, the
- 7 Form 3849 will be electronically filed using an optical scanner. Third, retrieval of
- 8 Form 3849 will occur electronically. This testimony estimates the impact on cost
- 9 of each accountable mail service by estimating the cost impact on each function
- 10 as described above: delivery, filing, and retrieval. See USPS-LR-I-108, pp. 58-
- 11 61 for the detailed calculations.

- 2 Table 3 provides a summary of the test year volume variable costs of various
- 3 accountable mail services.

TABLE 3: Test Year Unit Volume Variable Costs for Accountable Mail and Related Services

| SERVICE  | cos | т    |
|--|-----|------|
| CERTIFICATE OF MAILING                             |     |      |
| INDIVIDUAL PIECES                                  |     |      |
| FORM 3817, ORIGINAL (NO DUPLICATE)                 | \$  | 0.59 |
| FORM 3817, DUPLICATE                               | •   | 0.47 |
| FORM 3877, ORIGINAL - 13 PIECES (COST PER PIECE)   | =   | 0.20 |
| BULK QUANTITIES                                    |     |      |
| FORM 3606, ORIGINAL - FIRST 1000 PIECES            | \$  | 2.89 |
| EACH ADDITIONAL 1000 PIECES                        | \$  | 0.29 |
| FORM 3606, DUPLICATE                               | \$  | 0.39 |
| INSURANCE  |     |      |
| AVERAGE FOR ALL VALUES                             | \$  | 1.68 |
| AVERAGE FOR UNNUMBERED                             | \$  | 1.26 |
| AVERAGE FOR NUMBERED                               | \$  | 1.99 |
| VOLUME VARIABLE COST DIFFERENTIAL                  |     | 0.73 |
| BULK INSURANCE COST SAVINGS - per NUMBERED piece   | \$  | 1.35 |
| BULK INSURANCE COST SAVINGS - per UNNUMBERED piece | \$  | 0.95 |
| RESTRICTED DELIVERY                                | \$  | 1.99 |
| RETURN RECEIPTS                                    |     |      |
| NON-MERCHANDISE                                    | \$  | 1.26 |
| AFTER MAILING                                      |     | 2.23 |
| MERCHANDISE  | \$  | 2.27 |

#### 1 VI. ON-SITE METER SERVICE

- 2 A. Overview
- 3 Under the on-site meter service program, qualified Postal Service employees
- 4 may set or examine postage meters at a licensed customer's place of business
- 5 for a fee. This program also allows a meter manufacturer to have qualified
- 6 Postal Service employees check meters into and out of service at the meter
- 7 manufacturer's place of business (also known as a direct distribution center, or
- 8 DDC) for a fee.
- 9 There are two types of postage meters: (1) remote-set electronic meters and (2)
- 10 manual-set electronic meters. Currently, over 90 percent of postage meters in
- 11 use are remote-set electronic meters. This represents a shift away from manual-
- 12 set and mechanical meters. The Postal Service recently decertified mechanical
- 13 meters in order to improve the security of meter devices and to protect postage
- 14 revenues. On December 31, 1998, the Postal Service decertified all high-speed
- 15 mechanical postage meters. On March 31, 1999, the Postal Service decertified
- 16 all other mechanical meters.
- 17 A new cost study has been performed to reflect both operational changes and
- 18 new information. The changing population of postage meters has driven the
- 19 change in operations and cost. Remote settings of postage meters involve an
- 20 electronic transaction between the licensed customer and the meter

- 1 manufacturer. The Postal Service has no operational role in such transactions
- 2 and therefore incurs no cost for such settings. For manual meters, however, a
- 3 postal clerk performs the setting and/or examination. Check-in and check-out for
- 4 both categories of meters involve postal clerks, except for "Secured Postage"
- 5 meters, as discussed below.
- 6 Two sources of data were used to determine current on-site meter service costs.
- 7 A field study was conducted to determine the costs of setting and examining
- 8 meters on the premises of licensed customers. To calculate the costs of
- 9 performing check-in and check-out service at the DDCs, productivity data for
- 10 several DDCs were used. More information about the survey and productivity
- 11 data is included in USPS-LR-I-108.
- 12 B. Methodology
- 13 In order to update costs of setting and examining meters at a licensed
- 14 customer's place of business, a survey was sent to meter clerks at 60 field
- offices that perform on-site meter service. Clerks were instructed to complete
- the survey for every visit made to a customer facility to perform on-site meter
- 17 service, over a one-month period. 32 sites, representing every Area Office of the
- 18 Postal Service, provided useable data. The survey represents over 140
- 19 observations (visits to customer facilities) and over 600 meters reset and
- 20 examined on-site.

- 1 Costs are categorized as either stop-variable access costs or meter-variable
- 2 costs. Stop-variable access costs are variable only with respect to the number of
- 3 stops (or visits) made to a customer's premises to provide the service; these
- 4 costs are fixed with respect to the number of meters serviced at any one
- 5 customer location. Stop-variable access costs include the time the clerk travels
- 6 to and from the customer's location, and transportation costs, including mileage,
- 7 public transportation, and public parking.
- 8 The meter-variable costs for performing meter resetting and examination were
- 9 also updated using the survey results. The meter-variable cost is based on the
- 10 service time required to reset and examine each meter. The cost for each meter.
- 11 checked into or out of service is calculated using productivity information
- reported by the DDCs. See USPS-LR-I-108, p. 74.

- 14 Costs for check-in and check-out service have decreased in recent years. The
- enhancements in meter technology and the Postal Service's decertification of
- mechanical meters as of March 31, 1999 have produced efficiency gains.
- 17 Checking meters into and out of service used to require postal employees to
- inspect the meters' registers, keys, seals, screws, and other features. Because
- 19 of the enhanced meter technology and advanced security features, checking
- 20 meters into and out of service now requires less labor intensive activities.

- 1 The testimony of witness Mayo (USPS-T-30) proposes the elimination of fees for
- 2 "Secured Postage" type meters. To qualify as a "Secured Postage" meter, the
- 3 meter must have the following characteristics: (1) includes a postal security
- 4 device, (2) prints information based indicia, and (3) is remotely set. Because of
- 5 the enhanced security that these meters provide, they do not require labor
- 6 intensive activities during installation or withdrawal. Therefore, these meters do
- 7 not have significant check-in/out costs.
- 8 A summary of the costs for providing on-site meter service is presented in the
- 9 table below.

Table 4: Test Year Unit Volume Variable Costs for On-Site Meter Service

| Type of OSMS Service Call               | Unit Volume Variable Cost |
|---|---------------------------|
| Access Cost                             | \$ 24.88                  |
| Each Meter Reset and/or Examined        | \$ 3.26                   |
| Each Meter Checked In or Out of Service | \$ 2.46                   |

#### 1 VII. POST OFFICE BOX KEY AND LOCK CHANGES

- 2 A. Overview
- 3 Post office box customers may request additional keys to their post office box
- 4 and may request that the lock on their box be changed after they begin using it.
- 5 In providing either of these ancillary services, the Postal Service incurs cost.
- 6 This testimony presents test year cost estimates for each of these two services.
- 7 B. Methodology
- 8 A special study was conducted to estimate these costs. A field survey was
- 9 distributed to thirty randomly selected post offices. Over a one-month period,
- 10 selected offices collected data on the number of post office box keys ordered
- and the time required to perform the activity, as well as the number of post office
- 12 box locks changed and the time required to perform the activity. These
- 13 productivity data were used to estimate labor costs for these activities.
- 14 The window acceptance labor costs for fielding the customer-initiated requests
- are based on the 1997 Window Transaction Time Study, as presented in witness
- 16 Brehm's testimony in Docket No. R97-1 (USPS-T-21). The material and
- 17 distribution costs for post office box keys were reported by the Mail Equipment
- 18 Shops. Based on the results of the field survey, post office box lock changes are
- 19 performed using locks in a given post office's preexisting inventory. Therefore,

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